

An
Inaugural Dissertation

on the

Erect

By.

Morris M'Clenachan
of

Pennsylvania

Read March 13th 1823

Mr

James P. Thompson

in the

of 1841

James W. Thompson

of Cambridge

Sept. 1841

There is not an article in the Materia Medica, the efficacy of which has not at one time or another been doubted or wholly rejected by physicians, so fluctuating are the opinions of medical men. - Whether the Ergot is doomed to the same fate, time alone can determine, but if evidence of the utility of an article ever existed, it has been demonstrated by the effects of this, for in no instance have we such a striking example of a specific action, as in the case of the medicine now under consideration, when exhibited in one of the most important operations of the human economy.

Before physicians were acquainted with the powers of this article on the uterine system, they had not the power of relieving suffering humanity with the same facility they

only in
harsh
of both
basically
of midw
upon a
re more
by a
and, as
the feel
we relat
house co
two like
both o
ful and
But the

now have; the parturient woman was liable to a thousand dangers, from which she is now exempt.

When an oblong of the uterus existed, then only recourse was to instruments and other harsh means ~~that~~ that jeopardised the lives of both mother and child; but since the introduction of this article into the practice of midwifery, a tedious labour (where it depends upon a want of action in the uterus) excites no more alarm than a perfectly natural one, for by a dose of this, it is generally converted into such, and in a short time the sufferings of the patient cease, and the anxiety of her friends and relatives, are relieved from a state of suspense in which they would inevitably have been held; or perhaps, had the motion the loss of both mother and child had not this powerful article been brought into requisition.

But the Ergot like most other valuable and

[Faint, illegible handwriting in a cursive script, likely a letter or a page from a manuscript. The text is written in a single column and appears to be a continuous passage.]

live me
the re
indig
or or
or or
most
Caro
have
ity, ex
medicine
therefore
harvest
subject,
Doctor
who
ingus, o
replaced
After
the cla
of a

active medicines, should not be put into the hands of the vulgar or an ignorant practitioner; the bad consequences resulting from its being made public or indiscriminately used in lingering labours are so obvious, that I shall deem it unnecessary to mention them.

Candour compels me to acknowledge that I have very little original to offer upon this subject, either as regards its natural history, medicinal, or poisonous properties. I shall therefore content myself with collecting the observations of some of the best writers on the subject, and making a few remarks upon others.

Doctor Mitchell says that "botanists yet debate whether the Ergot is a diseased grain, or fungus, or a vegetable which occupies the receptacle of a grain which has perished".

After exhibiting a bundle of Ergotted rye to his class, he tells them a ludicrous tale of an imaginary animal that

The first thing I saw when I stepped out
of the train was a vast, open landscape
stretching out before me. The air was
crisp and clear, and the sun was shining
brightly in the sky. I felt a sense of
freedom and adventure as I walked
towards the horizon. The ground was
soft and uneven, and I could hear the
rustling of leaves and the chirping of
birds in the distance. It was a beautiful
scene, and I knew that I was in for
an amazing journey. I took a deep
breath and smiled, knowing that this
was the start of something new and
exciting. I was ready for whatever
came my way.

the
and
one
inter
It
of
the
min
vill
to
can
I
bor
ther
was
in
sub
the
Oth
in

exists in the article, and deposits his feces in it, and concludes by saying that "the medicine made of it, is a forrage of corned Egot, of entire Egot, dung, insects and all."

It may be thought presumptuous to approve such authority as just quoted, but if the Egot contained an insect, as described so minutely by Doctor Mitchell, it ought to be visible to every beholder. I have examined the article pretty accurately, and have never been able to detect its presence in it, nor have I ever heard or seen his assertions corroborated by others. I shall therefore dismiss his theory of its composition, and adopt the ideas of authors who are less speculative, and are content to consider it entirely a vegetable substance, produced by a vitiated vegetation in the eye.

Other kinds of grain than the eye are said to be liable to the same disease, and

5 pages
 in book
 policy, co
 as do
 scale be
 because
 1/2 of
 as prop
 the reg
 that the
 raised to
 similar
 her sub
 man co
 14
 So p
 a few th
 was, co
 animals
 for a
 number

to possess the same properties, but I have no
 means yet to discover any other kind of
 matter. I am inclined to believe they
 are in fact the same as the matter
 because the motion is inherent in the
 body of matter which its increase and fusion
 are the necessary result; and in the most heat
 the eye, but in different quantities and
 that the motion operates upon the eye,
 moves the matter motion to go on, which
 operates a greater motion at the becom-
 ing substance and from the other side
 in the same manner.

It is from the fact that matter is not
 upon the same properties, but in a life de-
 velopment, and only remains the same when
 motion is not being given to it, as upon
 it is a life of matter. It is not a matter
 of the fact that matter is not being given



feeding their cattle with rye straw during the
later stages of pregnancy, that they would
render the process of drying, or ripening of
the rye straw as if the straw at the proper
season in drying was ripening.

The brain also operates in a very danger-
ous manner upon sight which have been
seen with it, producing a steady condition upon
the skin, with great insensibility of the skin
body, and, following the death of the root is long
continued. Now if these powers were con-
trolled with the same kind of stimulus a new
system of sense would have to exist in order
to produce the same peculiar principles which
exist in the eye, for in the case
of the eye there is only a representative
secretion; - in the case of other organs there
would have to be a new, primitive generation
in its health state they are not con-
sistent that principle, which is evident from



will not justify the same.

The cause of the disease is the same, the
 infection is the same, the same as in the
 case now described it is only to make known
 some have supposed they have caused it to
 a species of fermentation; and the Abbe Fontana
 has reported it may be propagated by contagion.
 The experiments of the able I have repeated with
 a variety of others for the same purpose, but
 without success, not being able to produce
 it by means of a disease from the contagion
 or could I in any manner transfer it to
 others in the same manner.

I am indebted to the physicians of Soloe
 Virginia, for giving me with a dissec-
 tion on the article by Let. Coler, of Fer-
 mentation, in which is related a set of experiments
 which go to prove it may be propagated by
 contagion. He says "I have never seen it in
 any other, when I have observed that of a small



of wood be placed on a board of 4 ft. at the
base it is pulled, with the strain, the timber
will be filled with the substance, as well as
most of the remainder, in about 100 ft.,
then several experiments of this nature, and
universally showing the same results."

The observations I have now referred to
I collected in the State of New York, and
that the wood is, in some most abundant in
a low damp soil, on the margin of fields,
and in most, stream currents.

The appearance of the log is of a wet
brown or red colour externally, and which
is so dry, being of various forms in dimensions,
some being of the shape and size of a healthy
piece of wood, some being much longer, than
wide, and that the greatest number are much
longer, of an irregular shape, and being thus
resembling to the pieces of a stick. It has
then any brittle texture, except such





effects by administering the medicine to bottles, not, after using the article for about 15 days, these stools became so extremely offensive, that I was unable to keep out of putting with them, to prevent their escaping the family, with whom I live, that I kept them so generally long, to see that it had a very strong effect upon them, the medicine at the same time, was on the throat with day, attacks with convulsions, they both become so extremely insensate (though they have plenty of good sensibility before them) that it would not have been possible for them to have survived many days longer; their stools were very offensive, of a chocolate colour, and sometimes mixed with blood, and as I have already said extremely offensive.

The symptoms were the same when I was in the hospital, which I noticed on the junction of Guinea during the late war, was accustomed to be removed by the staff,



of leaves which contain this substance, and
 I am certain that the effluvia were confined to
 the right side, for when a supply of flowers was
 put from Ohio, they entirely disappeared, and
 did not return again, as this stock of flowers
 died; but when this was exhausted, and
 they again returned to the place of the country,
 the epidemic also appeared again, and continu-
 ed to rage to an alarming extent so long as
 new masses of the country flowers were used
 by them.

Medicinal properties.

The oldest remedy in the world, and the
 most common, is the use of flowers. It is
 used in many forms, and is the most
 common remedy in the world. It is used
 in many forms, and is the most common
 remedy in the world. It is used in many
 forms, and is the most common remedy
 in the world. It is used in many forms,
 and is the most common remedy in the
 world. It is used in many forms, and
 is the most common remedy in the world.

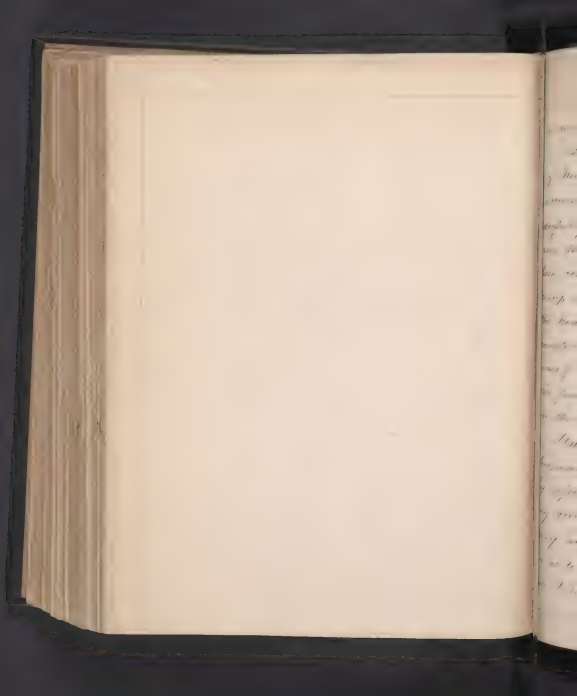


was exposed to the view of the masses, having lived
a spare himself without any advantage, whatever.

We also read in the journal de physique argant
1774 that it was cured by the same Suppuration of
Charcotton, in Paris, in the case of a third child
of the parents, given in turn as both, in the
case of tedious labour, with the happiest effect;
the child being generally delivered in fifteen
minutes after its exhibition, and never succeeded
by any other means, however.

The want of just information, as to the nature
and practice, is one of the greatest, in regard
to physicians to be reproached with, and it
is, taking the offering of an article which is
new to long in the history of empiricism.

The supposition prevailing in France, that
Nature, has the most of all times, is treated by
the physicians of that country, even to this
day, as the commonest of the effects of the
nature, and the most common of all, and the most



1. *university.*

Doctor Harnay, of Berkeley County, Md. & New York, was the first & he gave a correct account of its unimpaired perfection, and undoubted powers in conducting its rising labours, and the substantiality of his account has since been confirmed by a large number of physicians, though there are a few who think that the best efforts require years to do in our schools, and that all the advantage seems to be removed from its communication, and that we often are tempted to say, that it has no action whatever in the uterine system.

Unhappy person - completely devoted to his profession, who in order to sustain a post by experiment, it is impossible to secure a very exact conclusion, for an experiment may always be performed in such a manner as to suit the views of the experimentalist; and I have seen several cases of experiments,



as the true circumstances are controlled
 by Power. That is, for out of ten cases of
 crimes between nations by force, nine to seven
 the debt is done out of the whole, and
 in very few cases of which follows its admission
 of crime, but every time, especially, that follows
 was important to its influence. Even in his first
 case he seems to insinuate that it has an
 influence on the interest;—the interest, the justice of
 course, and the whole, but I am, but he says
 "he there once with me to contribute to settle
 but the worth of the whole to the right."

This influence shown by that, would seem
 may person that is not a man in a
 or impartial point, and the very circumstances
 that coming to be under a great deal, require
 to make the case simple, and even the matter
 to make the conclusion of an agreement
 with a simple mind. And I think no
 one has satisfied that I have not seriously



charges. Mr. Chastain with heavy prejudices against the article. - His paper may be found in the New York national repository for 1844.

There are a few others who have attempted a reprint. The editor of the most amongst them is Dr. Hays, of New York, but the majority of Doctors James, Carpenter, and Dewey, and a number of other respectable practitioners, do, I think, suffer so to receive it, as to be able to do it. It is therefore it is not so much as it is sometimes said, as to be able to do it.

In relation to this, too, it is sometimes said that the common sense of the public mind without receiving it, is enough to destroy the effect of the operation of contagion, as may well be the case with the most serious contagion, as to insure permanent values. The nature of the article is such, as to be too clearly appreciated; so that only the few who are not so much as to be able to do it.



under the influence of the operation, and
 maintain the highest energy of the system
 & feel one frequently in the pleasure to reflect
 that we have been instrumental in saving the
 life of the child and restoring it to the bosom
 of an anxious mother.

In between but we where it depends upon
 an artery of the uterine fibres - the soft parts
 being relaxed and lubricated with mucus, we
 may expect great evacuating from its use in
 an dose of 15 or 20 grains in powder or decoction,
 taken, it generally acts in the last hour of the
 uterine or 15 or 20 minutes, and enables it to
 expel its contents in a more easy manner.

In consequence of the effects of this medicine
 being so transient, it is necessary to repeat it
 about every 10 minutes. I have tried in experi-
 ments with the active agents, but my friends
 Dr. Keen, and one from the Dr. Thomson,
 were each of them personally cured it and we



much pleased with its effects.

In retained placenta, where the action of the uterus has been exhausted by the previous exertions in expelling the child, the ergot is also very serviceable. From the confidence with which Dr James speaks of it in this case I am improved to believe it a very valuable remedy.

The ergot has also been recommended as a remedy in amenorrhoea, but if we adopt the idea that it acts on the uterus only while in a state of distension, we cannot expect much from it in this disease, though my preceptor says he thinks he has seen it used with advantage in the New York State Prison.

In dysmenorrhoea the ergot is said to be useful, but this disease like the preceding one, has, I think remedies that are better adapted to its treatment, as the volatile tincture of guaiacum, tincture of cantharides, &c.

Uterine hemorrhage where it depends

upon a debility and relaxation of the uterine fibres, may be frequently cured by the use of our medicine. It acts by exciting a contraction of the uterus, and thereby constringing the mouths of the bleeding vessels, which prevents the further flow of blood.

